

Appl. No. 10/039,981  
Amdt. Dated: 1/19/2005  
Reply to Office Action of: 10/19/2004

Docket No: 9626/5

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Jeffery Mason  
Serial No.: 10/039,981  
Filed: 12/31/2001  
Title: Machine, Process, and Manufacture for Synchronizing Data  
Across Integrated Applications-U.S. Application

*Fee  
only*

Examiner: Hoang, Phuong N

Group Art Unit: 2126

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

This is a response to the outstanding Office Action dated October 19, 2004, on the above-identified invention. The time period for response extends to and includes January 19, 2005.

Amendments to the Specification begin on page 2 of this response.

Amendments to the Claims appear on page 3 of this response.

Remarks begin on page 4 of this response.

04/11/2005 TBELL1 00000002 062143 10039981  
01 FC:1251 120.00 DA

Adjustment Date: 06/22/2005 SDIRETA1  
04/11/2005 TBELL1 00000002 062143 10039981  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop 16  
Director of the US Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

2005 MAY 24 AM 10: 29

Re: Our file: 9626/5  
Serial No.: 10/039,981  
Filing Date: 12/31/2001  
Title: Machine, Process, and Manufacture for Synchronizing Data Across Integrated Applications-U.S.  
Application

Office:

Examiner: Hoang, Phuong N

Sir:

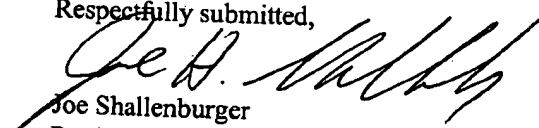
Enclosed for filing in the United States Patent and Trademark Office is the following:

1. Communication
2. Exhibits A & B
3. Transmittal Sheet
4. Postcard Receipt

5/19/05  
Date

enc.

Respectfully submitted,

  
Joe Shallenburger  
Registration No. 37,937  
Wolff & Samson PC  
One Boland Drive  
West Orange, NJ 07052  
Tel: (973) 530-2072  
Fax: (973) 530-2272

I hereby certify that this correspondence is being deposited with the United States Postal Service, First Class Mail, postage prepaid, to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 5/19/05.

By:   
Mary Lynne Kupchella

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Examiner: Hoang, Phuong N Group Art Unit: 2126

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Director of the US Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**COMMUNICATION**

Sir:

We received and reviewed our Monthly Statement of Deposit Account and are requesting a refund in the amount of \$120.00 for the above-referenced application. A copy of the deposit account statement is attached hereto at Exhibit A. The pertinent facts in support of this request are as follows:

1. On January 19, 2005, Applicant submitted a Response to Office Action. The Office Action was dated October 19, 2005 and thus the shortened statutory period for response extended to and included January 19, 2005. The certificate of mailing on the Response to Office Action indicates that it was mailed on January 19, 2005. Copies of the documents submitted are attached hereto as Exhibit B. On the Transmittal sheet, Applicant did instruct the Patent Office to charge Deposit Account No. 06-2143 for any additional charges.

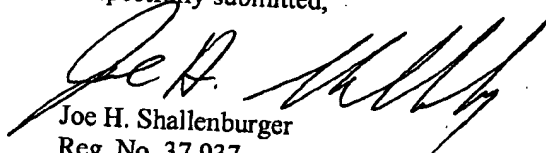
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2. Our deposit account was charged \$120 for a one-month extension of time. As the certificate of mailing indicates that the Response to Office Action was mailed on January 19, 2005, no extension of time was necessary and thus our deposit account should not have been charged.

3. Accordingly Applicant requests a refund in the amount of \$120 be credited to Deposit Account No. 06-2143.

Dated: 5/19/05

Respectfully submitted,



Joe H. Shallenburger  
Reg. No. 37,937  
Attorney for Applicant  
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Patent and  
Trademark Office**

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**Deposit Account Statement**

**Requested Statement Month:** April 2005  
**Deposit Account Number:** 062143  
**Name:** WOLFF & SAMSON  
**Attention:** MICHAEL FRISCIA  
**Address:** ONE BOLAND DRIVE  
**City:** WEST ORANGE  
**State:** NJ  
**Zip:** 07052  
**Country:** UNITED STATES OF AMERICA

DATE	SEQ	POSTING REF TXT	ATTORNEY DOCKET NBR	FEE CODE	AMT	BAL
04/05	94	10972288	8847/4/4	2201	\$4.00	\$9,841.00
04/05	96	10972288	8847/4/4	2202	\$300.00	\$9,541.00
04/05	100	10944453	8847/4/3	2202	\$16.00	\$9,525.00
04/11	3	10039981	073449	1251	\$120.00	\$9,405.00
04/12	131	E-REPLENISHMENT		9203	-\$155.00	\$9,560.00
		START BALANCE	SUM OF CHARGES	SUM OF REPLENISH	END BALANCE	
		\$9,845.00	\$440.00	\$155.00	\$9,560.00	

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Our File: 962415

Applicant: Mason, et al.

International Application No.:

International Filing Date:

U.S. Serial No.: 10/039,981

U.S. Filing Date: 12/31/01

Title: Machine, Process Manufacture  
for Synchronizing Data

On the date stamped hereon, the United States Patent and  
Trademark Office hereby acknowledges receipt of the following:

- ☐ Transmittal Letter to the United States Designated/Elected  
Office (DO/EO/US) Concerning a Filing Under 35 USC 371
- ☐ Copy of International Application as filed
- ☐ Check No. \_\_\_\_\_ for \$ \_\_\_\_\_
- ☐ Communication
- ☐ Declaration and Power of Attorney
- ☐ Assignment and Recordation Form Cover Sheet
- ☐ Preliminary Amendment
- ☐ Submission of Missing Requirements Under 35 U.S.C. 371  
in the United States Designated/Elected Office (DO/EO/US)
- ☐ Copy of Notification of Missing Requirements Under  
35 U.S.C. 371 in the United States Designated/Elected  
Office (DO/EO/US)
- ☒ Transmittal Sheet
- ☒ Postcard Receipt
- ☒ Amendment to Office Action



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Our file: 9626/5  
Serial No.: 10/039,981  
Filing Date: 12/31/2001  
Title: Machine, Process, and Manufacture for Synchronizing Data Across Integrated Applications-U.S. Application

Office:

Examiner: Hoang, Phuong N

Sir:

Enclosed for filing in the United States Patent and Trademark Office is the following:

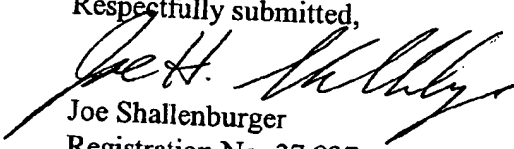
1. Response to Office Action
2. Transmittal Sheet
3. Postcard Receipt

ADDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter to the deposit account of the writer, Account No. 06-2143. A duplicate copy of this letter is enclosed.

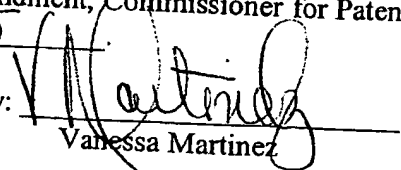
1/19/05  
Date

Respectfully submitted,

  
Joe Shallenburger  
Registration No. 37,937  
Wolff & Samson PC  
One Boland Drive  
West Orange, NJ 07052  
Tel: (973) 530-2072  
Fax: (973) 530-2272

enc.

I hereby certify that this correspondence is being deposited with the United States Postal Service, First Class Mail, postage prepaid, to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 1/19/05

By:   
Vanessa Martinez

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Appl. No. 10/039,981  
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Reply to Office Action of: 10/19/2004

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Examiner: Hoang, Phuong N

Group Art Unit: 2126

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Commissioner for Patents  
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Appl. No. 10/039,981  
Amdt. Dated: 1/19/2005  
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**AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph [0011] of the specification with the following amended paragraph:

[0011] Finally several integrated-related Internet resources such as the "EAI Journal" and the "EAI Forum" describe the current state of application integration technologies.

51 Available Copy

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A system for synchronizing data between applications having respective application data stores, said system comprising:
  - two or more application service adapters associated with said application data stores;
  - a links table for managing shared integration data;
  - an integration engine having associated therewith an integration engine service adapter
  - and an integration engine data store; said integration engine to use said links table to manage the
  - flow of information among all said application data stores.
2. (New) A method for synchronizing data between applications having respective application data stores, comprising the steps of:

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providing two or more application service adapters associated with the application data stores;

managing shared integration data using a links table;

using the links table to allow an integration engine having associated therewith an integration engine service adapter and an integration engine data store to manage the flow of information among all the application data stores.

**REMARKS**

Attorney for Applicants has carefully reviewed the outstanding Office Action on the above-identified application. Claims 1-2 are pending in this application. Applicants have amended claim 1 and added new claim 2 in the application as set forth herein, and submit that the application, as amended, is in condition for allowance. No new matter has been added.

The Examiner has objected to the disclosure because it contains an embedded hyperlink and/or other form of browser-executable code [page 4 lines 13]. Applicant has deleted the embedded hyperlink and/or other form of browser-executable code. Therefore, it is respectfully requested that the Examiner withdraw the objection.

Claim 1 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which

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applicant regards as the invention. The Examiner stated that the terms "said application data stores" and "said data stores" lacked proper antecedent basis. Claim 1 has been amended to provide proper antecedent basis for the terms. Therefore, it is respectfully requested that the Examiner withdraw the 35 U.S.C. 112 rejection.

The Examiner has rejected Claim 1 under 35 U.S.C. 103(a) as being unpatentable over Taylor, US patent no. 6,256,676 in view of Vijaykumar, US patent no. 5,745,896. The Examiner states that Taylor teaches a system for synchronizing data between applications (applications, col. 10 lines 40-60) having respective data stores (application resources, col. 13 lines 1-5 and fig. 2), the system comprising the steps of:

two or more application service adapters (a plurality of adapters, each of which respectively one of the plurality of enterprise applications, abstract and col. 11 lines 40-5- and fig. 2) associates with the application data stores;

an integration engine (engine, col. 11 lines 40-50) having associates therewith an integration engine service adapter (ADK 130, col. 11 lines 40-65) and an integration engine data store (database storage, col. 8 lines 5-20) the integration engine manages the flow of information among all the data stores (pass messages between the computer application which are associates with applicant resources, col. 8 lines 5-20. 10 lines 40-50 and col. 12 lines 25-30). Taylor teaches RDBMS comprising many databases (col. 11 lines 30-40 and fig. 2).

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The Examiner states, however, that Taylor "does not explicitly teach a links table for managing shared integration data." The Examiner goes on to state that "Vijaykumar teaches RDBMS which has a link table for managing shared integration data (table containing link relationship, col. 14 lines 11-52)." Finally, the Examiner states that "It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teaching of Taylor and Vijaykumar's system because Vijaykumar's linking table would be necessary for the RDBMS to maintain the referential integrity of the update or delete rules and enhance the third normalization."

Applicant submits that the invention, as defined by the amended claims, is patentable over Taylor, US patent no. 6,256,676 and Vijaykumar, US patent no. 5,745,896, taken alone or in any combination.

The Office Action points to page column 14, lines 11-52 of Vijaykumar as teaching RDBMS which has a link table for managing shared integration data (table containing link relationship). However, Vijaykumar fails whatsoever to cure the deficiencies of Taylor. Vijaykumar merely describes methods for maintaining referential integrity between data tables that may be freely moved to various remote workstations. In Vijaykumar, column 14, lines 11-14 states that the user chooses the update rule desired. The system then provides two update rules for tables that use referential integrity. In column 14, lines 33-36 Vijaykumar shows a plurality of referential integrity links that may be defined for the information tables. For example, a referential

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integrity link may be defined linking the Customer Number field to Orders table to the Customer Number field of Customer table. In Vijaykumar, the links are typical RDBMS referential integrity. It is managing "links" for rows in one table to rows in another table.

This is very different from Applicant's invention as defined by the amended claims. The present invention provides user-driven, on-demand integration of applications, particularly primary stand-alone applications. Applicant's invention uses the mechanism as a way to link the same person from one application to another without the concept of a Global Unique ID. Since each application has its own Unique ID associated with a particular person, our mechanism will link them together and generate this Global Unique ID.

For Example:

ID	Person	Application
100	John Smith	A
A32	John Smith	B

Global Unique ID	ID	Person	Application
987655432	100	John Smith	A
987655432	A32	John Smith	B

After the process is complete, it is known that the Global Unique ID of 987655432 is John Smith (ID 100 in Application A, and ID A32 in Application B) so it is now known that these John Smiths are the same person.

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Applicant submits that amended independent claim 1, which was rejected as being obvious, and 2, are patentable over these references, taken alone or in combination. It is submitted that the Examiner's objections and rejections have been overcome and it is respectfully requested that the Examiner withdraw all the objections and rejections and pass this case to allowance.

All issues raised in the Office Action are believed to have been addressed. Claim 1 was amended. Claim 1 and 2 are pending in this application. Re-examination is requested and favorable action solicited.

Should any changes to the claims, drawings and/or specification be deemed necessary to place the application in condition for allowance, or should the Examiner have any questions, the Examiner is respectfully requested to contact the undersigned to discuss the same. An early and favorable action on the merits is earnestly solicited.

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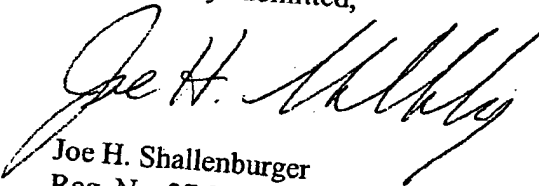
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This Amendment is believed to be timely filed. In the event that a petition for extension of time and/or any other petitions and/or fees are required, consider this a request for such petition and the Commissioner is hereby authorized to charge any fee to Deposit Account No. 06-2143.

Dated: 1/19/05

Respectfully submitted,



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